

Data File : BE101117.D
Acq On : 22 Jan 2020 16:40
Operator : CG/JU
Sample : L1148-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-29-(4-6)MS

Quant Time: Jan 23 04:06:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2624	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	11762	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7040	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15680	0.40	ng	0.00
27) Chrysene-d12	21.27	240	16537	0.40	ng	-0.01
34) Perylene-d12	23.69	264	20938	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1813	0.31	ng	0.00
5) Phenol-d6	6.91	99	2924	0.39	ng	-0.01
8) Nitrobenzene-d5	8.87	82	2286	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	5533	0.25	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	390	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7302	0.27	ng	-0.01
25) Fluoranthene-d10	19.12	212	49006	0.23	ng	-0.01
29) Terphenyl-d14	19.72	244	12865	0.32	ng	-0.01

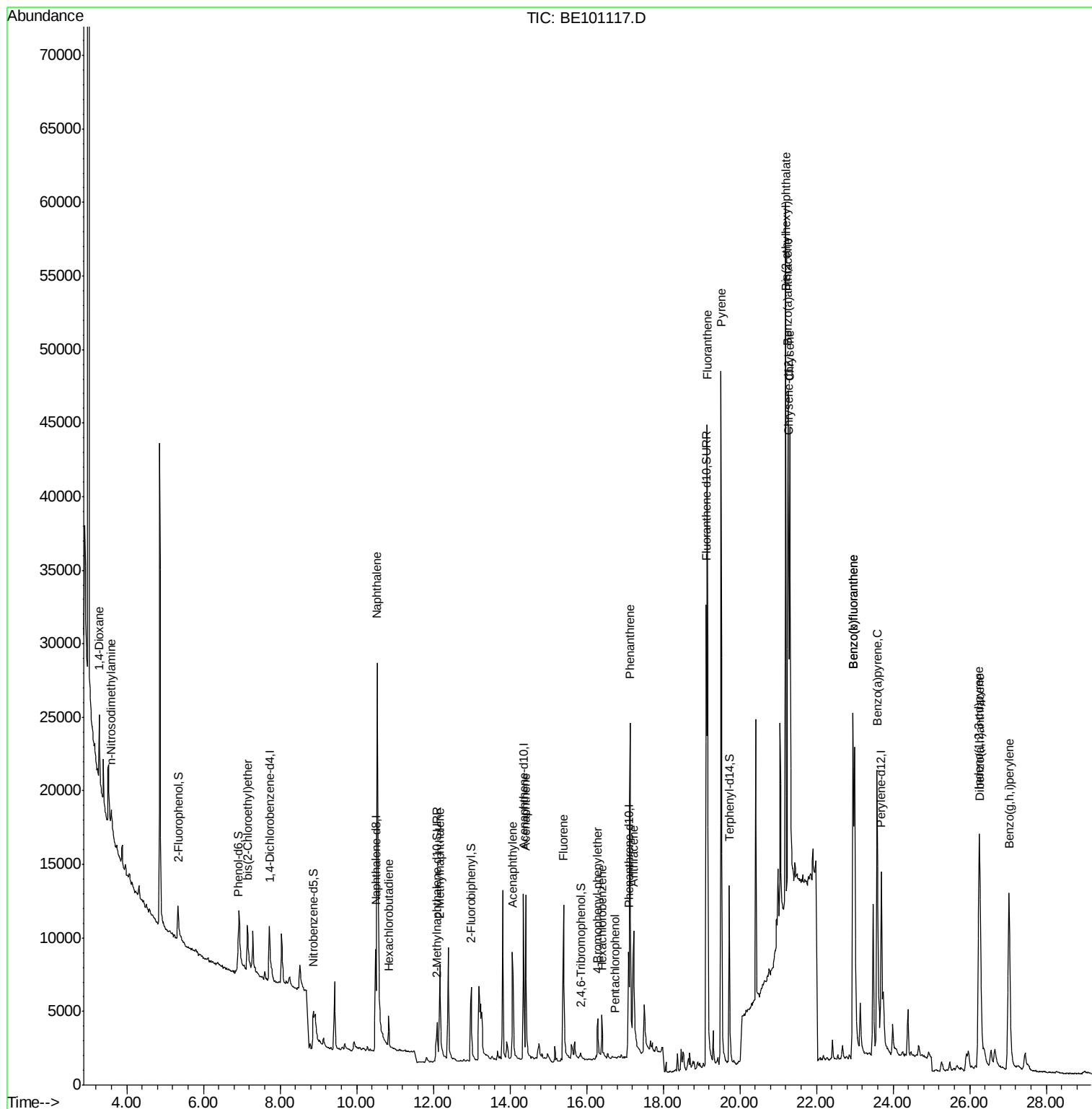
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	2711	0.441	ng	# 52
3) n-Nitrosodimethylamine	3.59	42	925	0.254	ng	# 74
6) bis(2-Chloroethyl)ether	7.15	93	2023	0.227	ng	97
9) Naphthalene	10.54	128	61570	0.471	ng	100
10) Hexachlorobutadiene	10.83	225	1429	0.258	ng	99
12) 2-Methylnaphthalene	12.17	142	6919	0.350	ng	98
16) Acenaphthylene	14.07	152	11392	0.397	ng	99
17) Acenaphthene	14.41	154	6065	0.296	ng	97
18) Fluorene	15.39	166	9338	0.360	ng	100
20) 4-Bromophenyl-phenylether	16.29	248	1967	0.257	ng	98
21) Hexachlorobenzene	16.40	284	2076	0.247	ng	99
22) Pentachlorophenol	16.75	266	8	0.253	ng	# 74
23) Phenanthrene	17.13	178	31363	0.732	ng	99
24) Anthracene	17.23	178	17155	0.425	ng	96
26) Fluoranthene	19.15	202	44563	0.831	ng	100
28) Pyrene	19.51	202	48675	0.791	ng	98
30) Benzo(a)anthracene	21.26	228	33155	0.703	ng	95
31) Chrysene	21.30	228	36800	0.525	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	55676	0.708	ng	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	33262	0.600	ng	96
35) Benzo(b)fluoranthene	22.95	252	39071	0.665	ng	98
36) Benzo(k)fluoranthene	22.95	252	39071	0.459	ng	99
37) Benzo(a)pyrene	23.58	252	33966	0.598	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	16985	0.325	ng	# 94
39) Benzo(g,h,i)perylene	27.02	276	33033	0.514	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :
SB-29-(4-6)MS

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

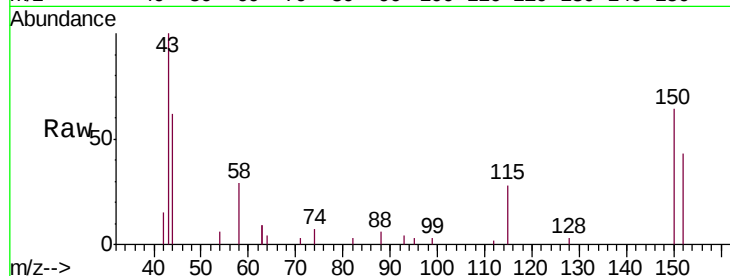
Tgt Ion:152 Resp: 2624

Ion Ratio Lower Upper

152 100

150 148.9 120.3 180.5

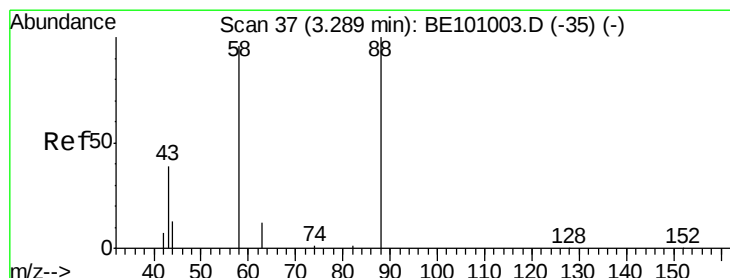
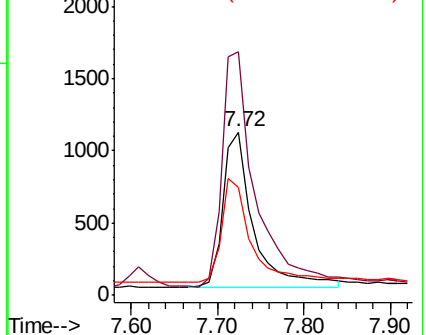
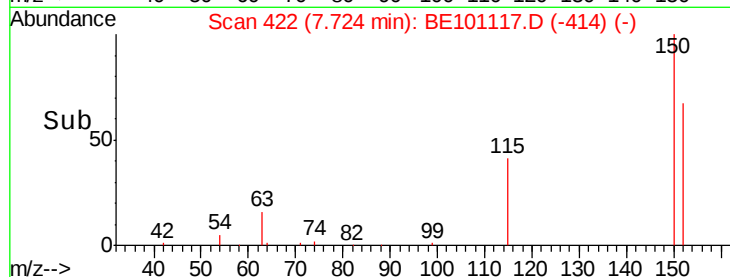
115 65.8 51.7 77.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.441 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

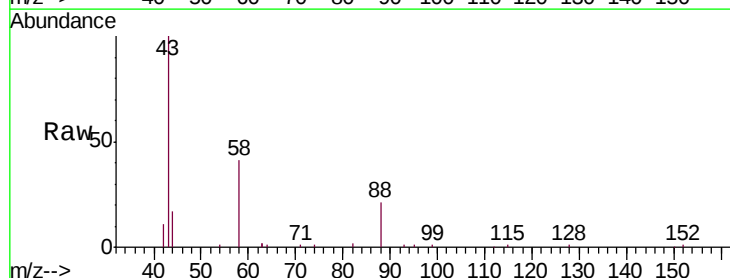
Tgt Ion: 88 Resp: 2711

Ion Ratio Lower Upper

88 100

58 102.2 53.0 79.4#

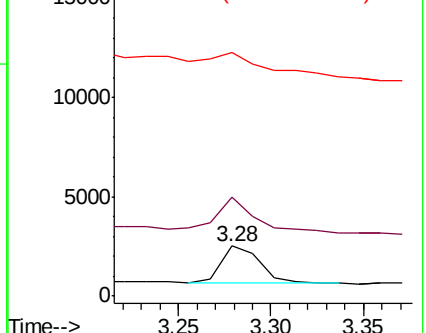
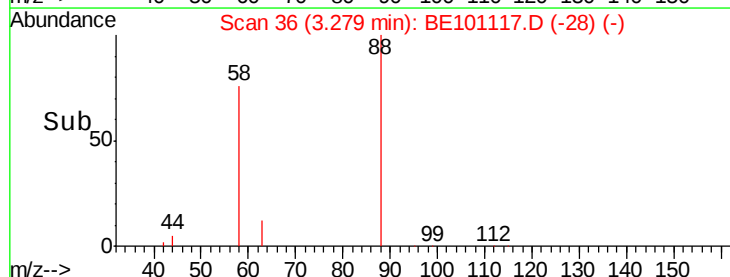
43 0.0 23.4 35.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.254 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.02 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

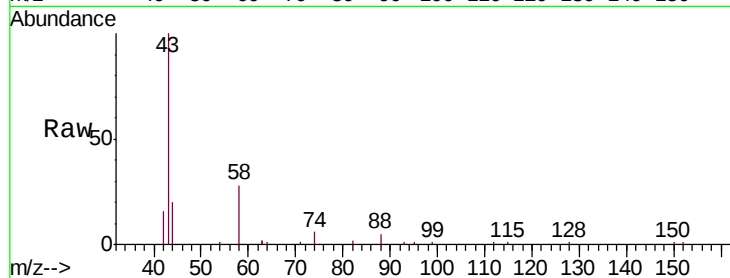
Tgt Ion: 42 Resp: 925

Ion Ratio Lower Upper

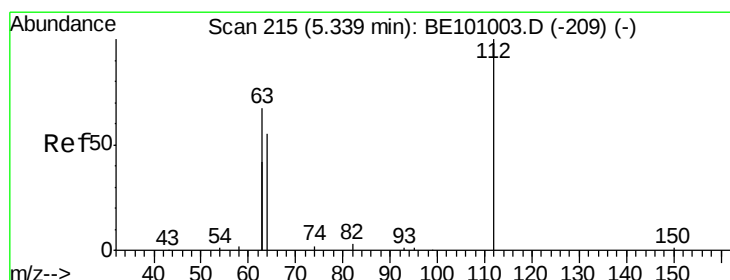
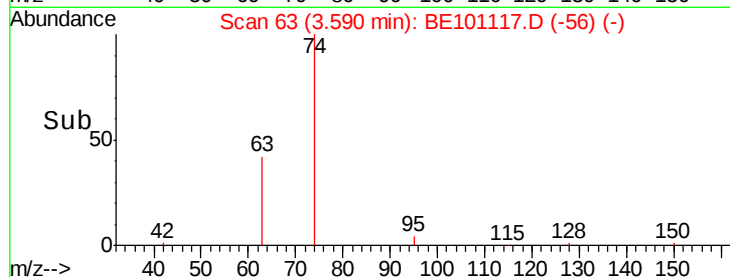
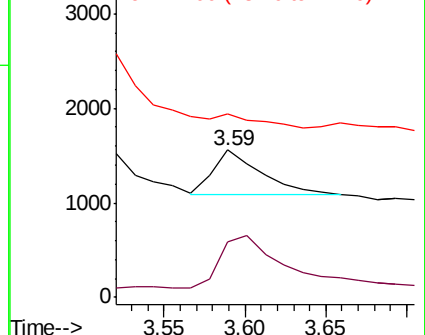
42 100

74 162.6 105.7 158.5#

44 0.0 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.307 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

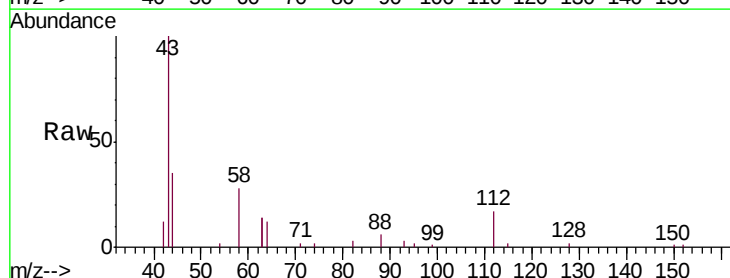
Tgt Ion: 112 Resp: 1813

Ion Ratio Lower Upper

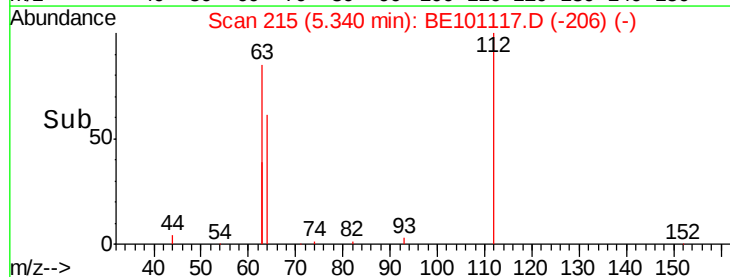
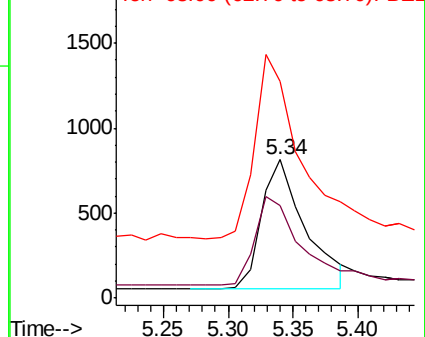
112 100

64 70.1 53.6 80.4

63 144.7 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.391 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

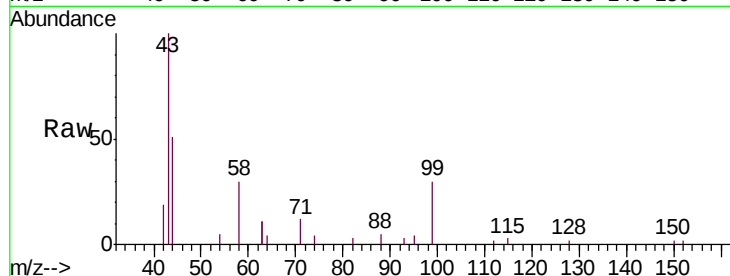
Tgt Ion: 99 Resp: 2924

Ion Ratio Lower Upper

99 100

42 27.8 18.3 27.5#

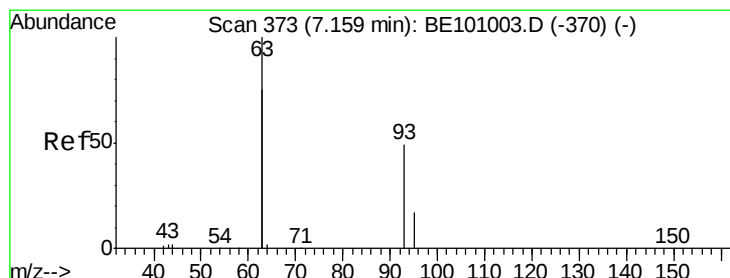
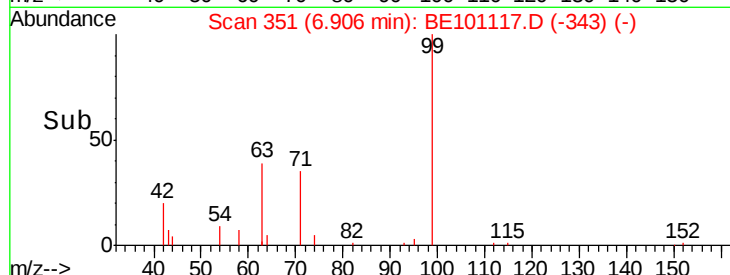
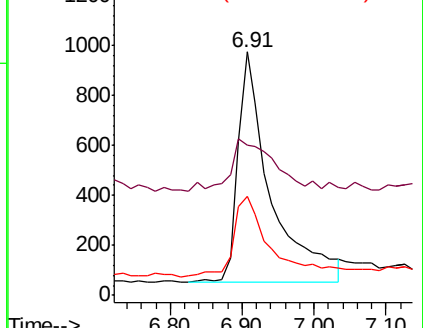
71 37.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.227 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

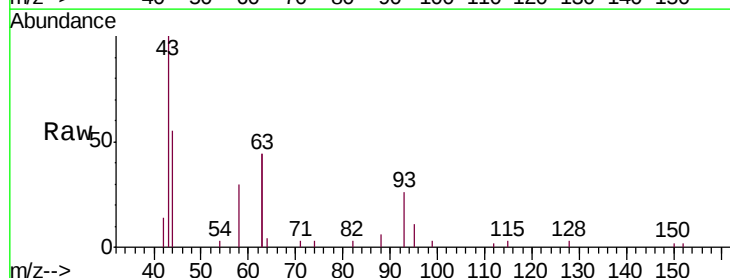
Tgt Ion: 93 Resp: 2023

Ion Ratio Lower Upper

93 100

63 296.5 233.9 350.9

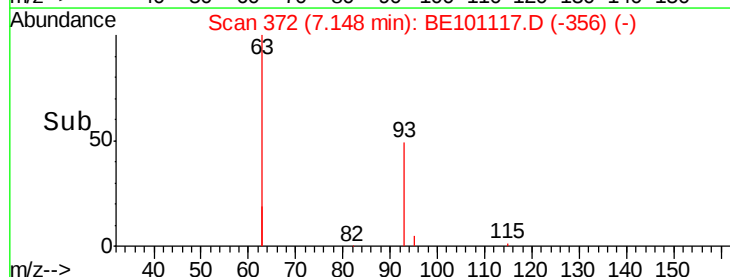
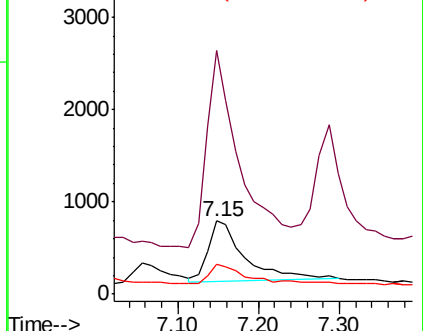
95 34.1 23.5 35.3



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

Tgt Ion:136 Resp: 11762

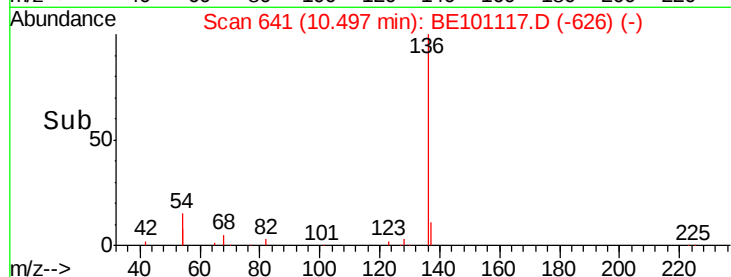
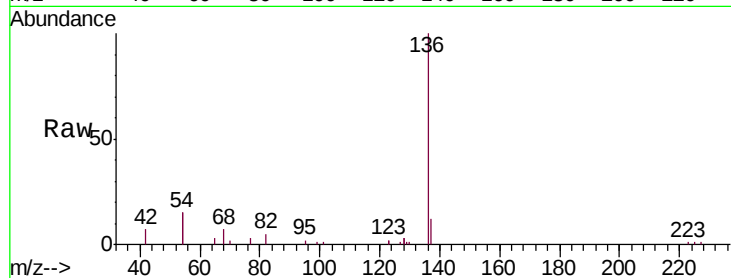
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 29.7 36.8 55.2#

68 7.0 8.4 12.6#

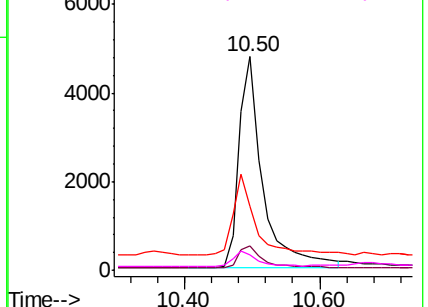


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.272 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

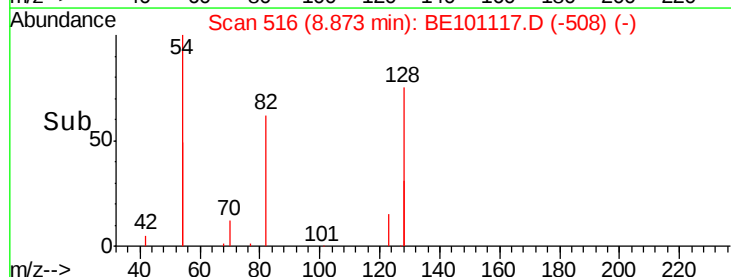
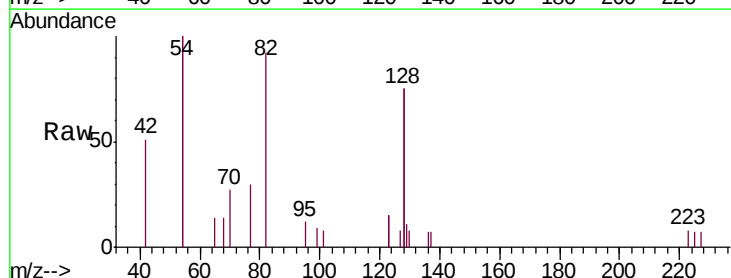
Tgt Ion: 82 Resp: 2286

Ion Ratio Lower Upper

82 100

128 164.5 109.8 164.6

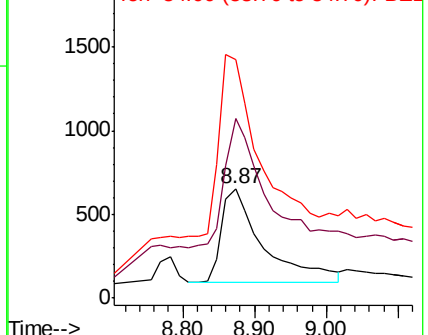
54 218.4 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.471 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

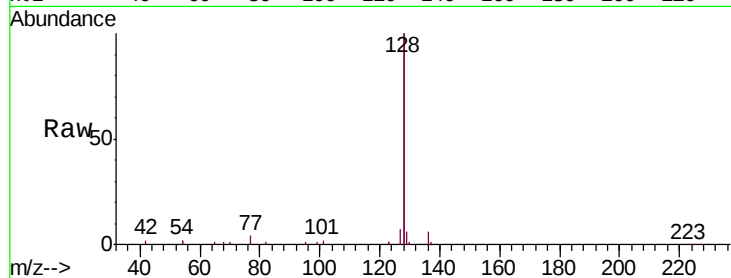
Tgt Ion:128 Resp: 61570

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

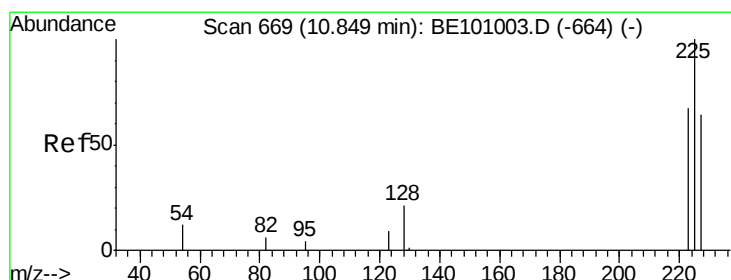
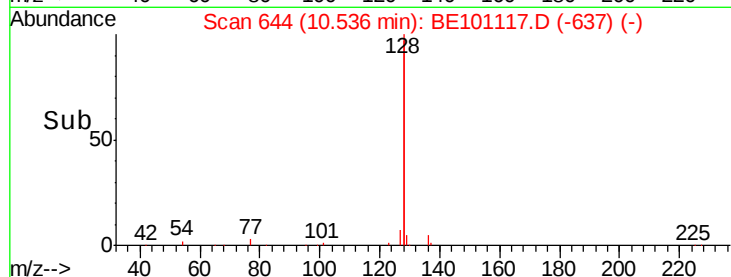
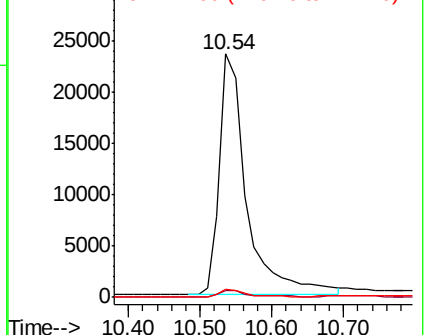
127 3.5 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.258 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

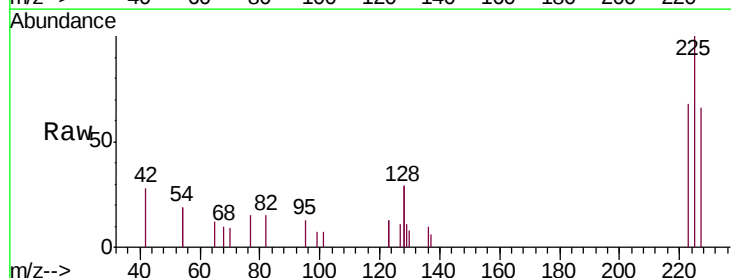
Tgt Ion:225 Resp: 1429

Ion Ratio Lower Upper

225 100

223 65.4 52.2 78.4

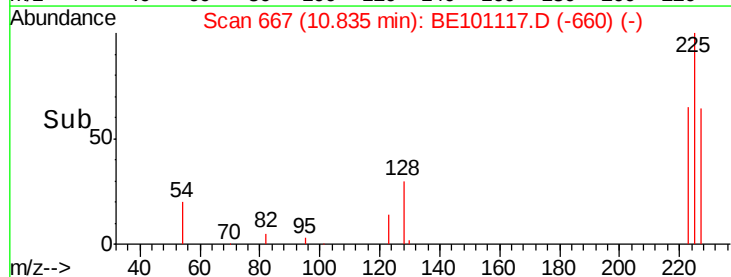
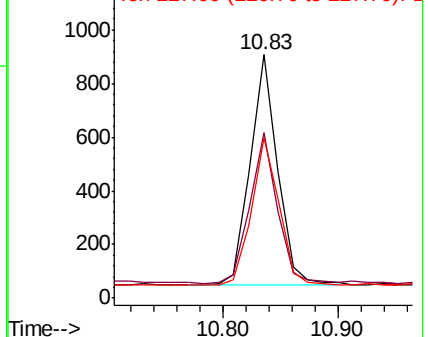
227 64.4 49.9 74.9

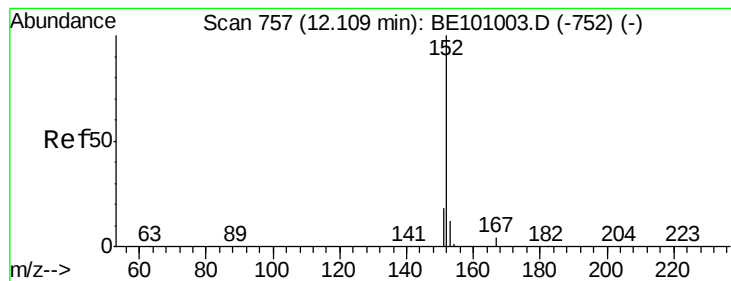


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.246 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

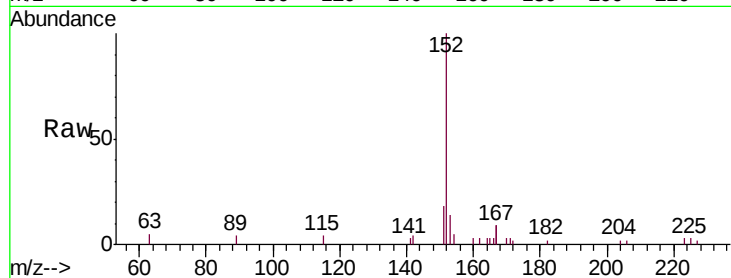
SB-29-(4-6)MS

Tgt Ion:152 Resp: 5533

Ion Ratio Lower Upper

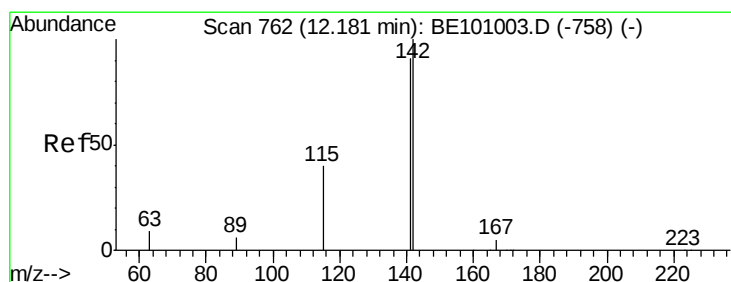
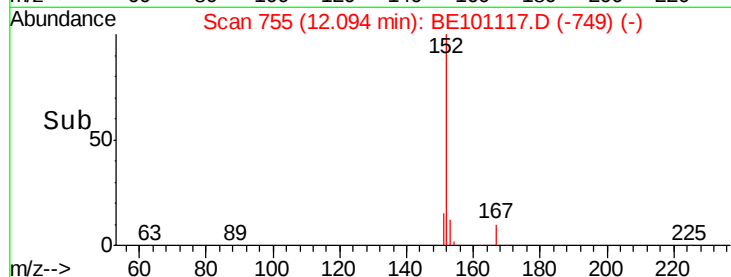
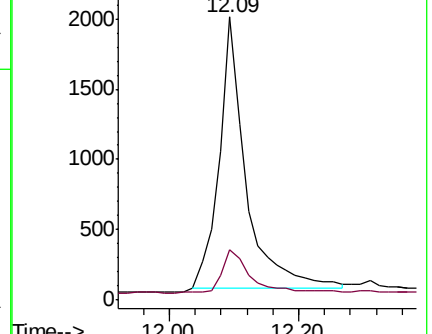
152 100

151 16.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.350 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

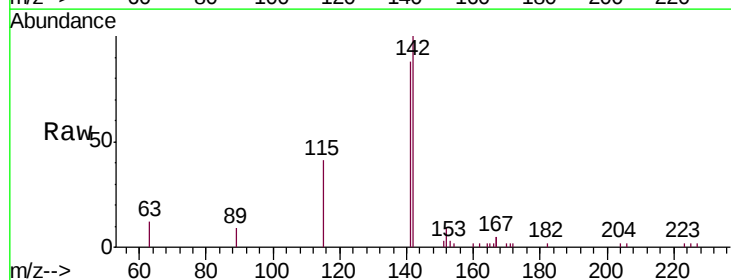
Tgt Ion:142 Resp: 6919

Ion Ratio Lower Upper

142 100

141 88.4 72.5 108.7

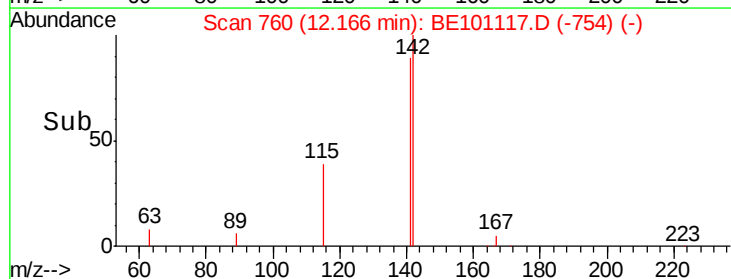
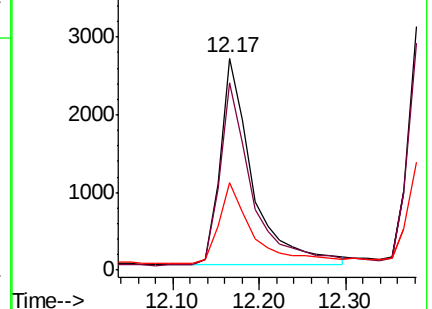
115 41.0 33.0 49.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

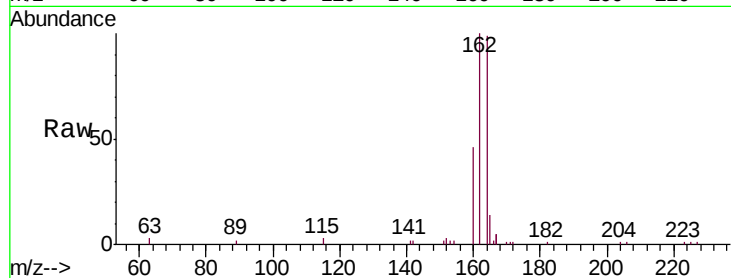




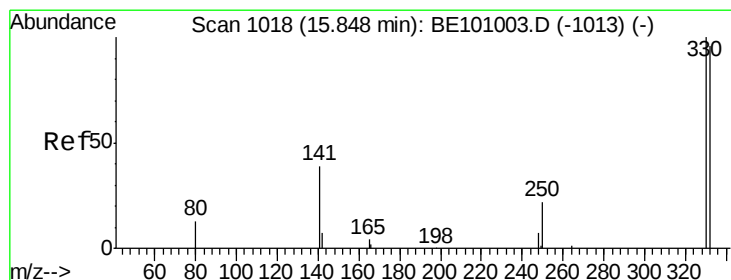
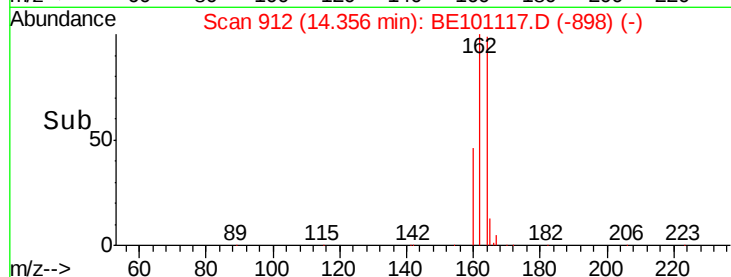
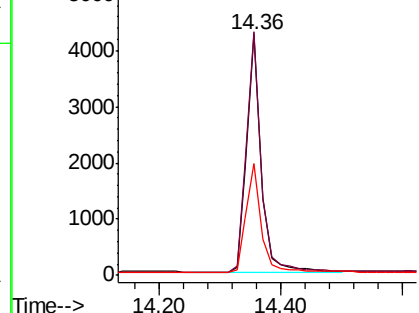
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101117.D
 Acq: 22 Jan 2020 16:40

Instrument :
 BNA_E
 ClientSampleId :
 SB-29-(4-6)MS

Tgt Ion:164 Resp: 7040
 Ion Ratio Lower Upper
 164 100
 162 101.1 84.1 126.1
 160 46.5 40.4 60.6

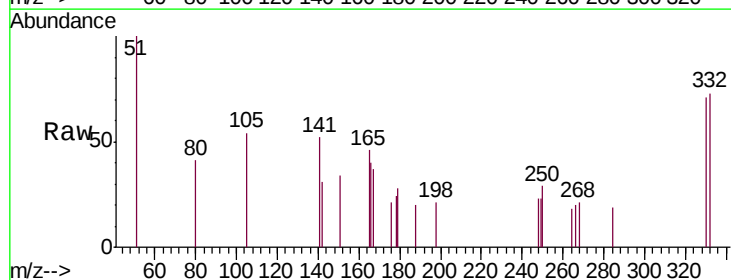


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

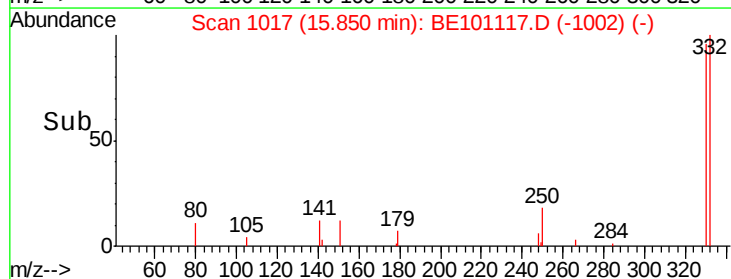
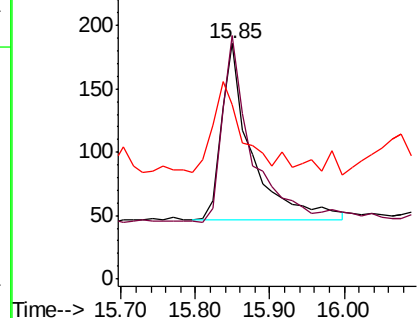


#14
 2,4,6-Tribromophenol
 Concen: 0.196 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101117.D
 Acq: 22 Jan 2020 16:40

Tgt Ion:330 Resp: 390
 Ion Ratio Lower Upper
 330 100
 332 102.1 78.4 117.6
 141 48.7 37.0 55.4



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

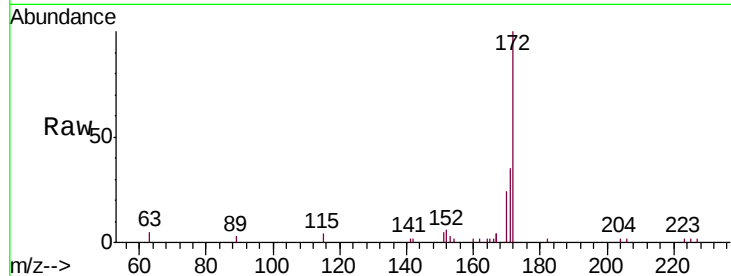




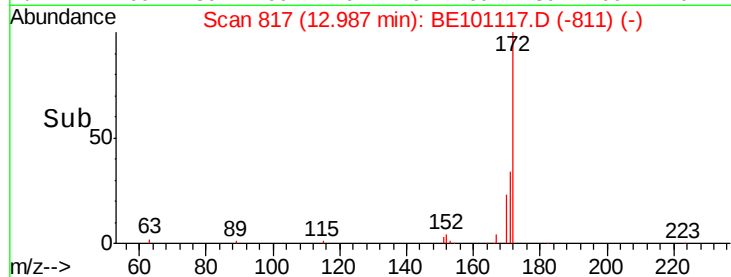
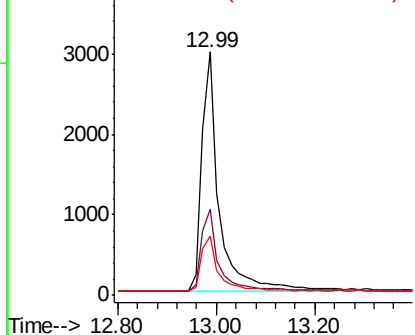
#15
 2-Fluorobiphenyl
 Concen: 0.273 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101117.D
 Acq: 22 Jan 2020 16:40

Instrument :
 BNA_E
 ClientSampleId :
 SB-29-(4-6)MS

Tgt Ion:172 Resp: 7302
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.2
 170 24.4 18.9 28.3

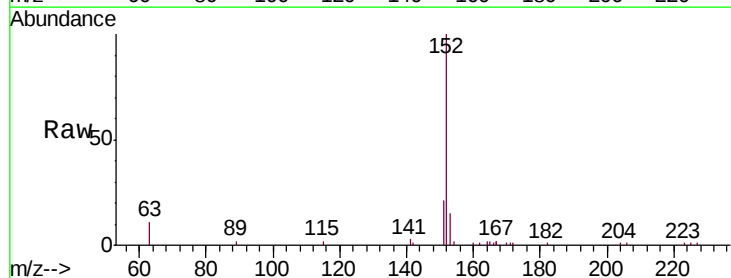


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

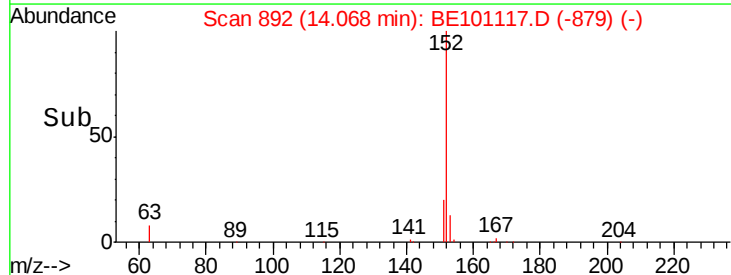
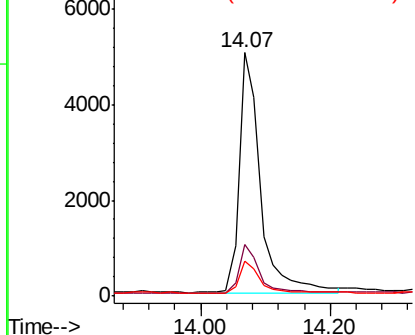


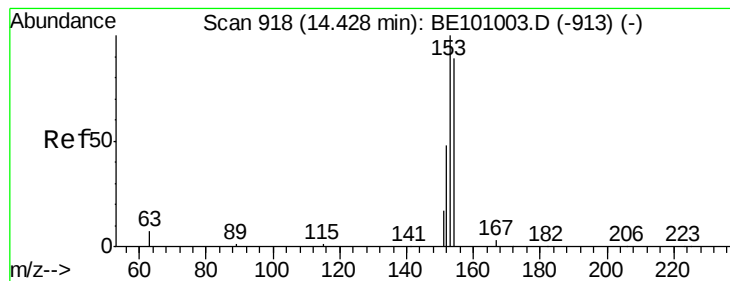
#16
 Acenaphthylene
 Concen: 0.397 ng
 RT: 14.07 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BE101117.D
 Acq: 22 Jan 2020 16:40

Tgt Ion:152 Resp: 11392
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.5 23.3
 153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.296 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

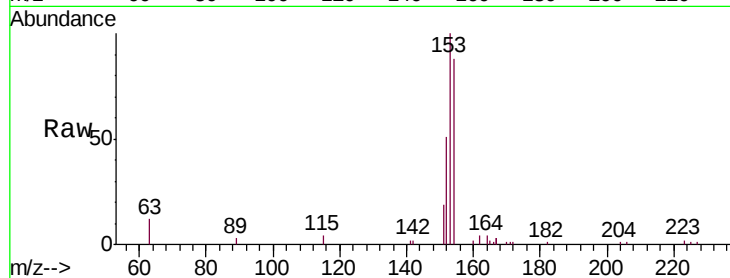
Tgt Ion:154 Resp: 6065

Ion Ratio Lower Upper

154 100

153 114.4 93.6 140.4

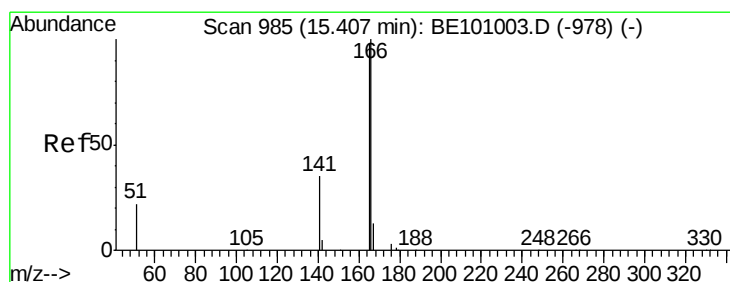
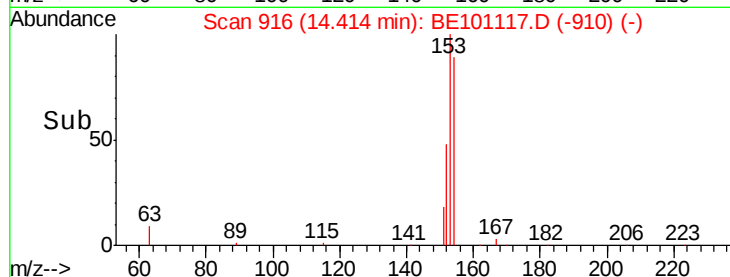
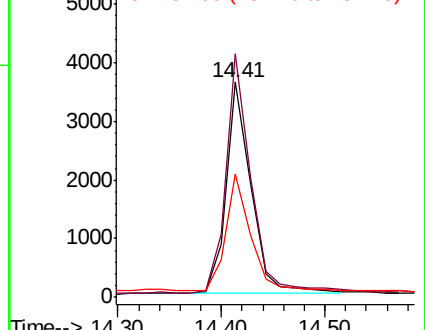
152 54.6 46.3 69.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.360 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

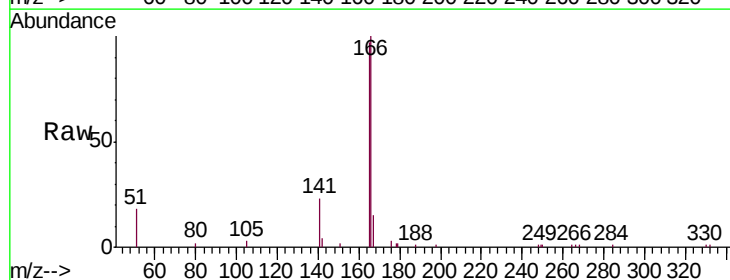
Tgt Ion:166 Resp: 9338

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

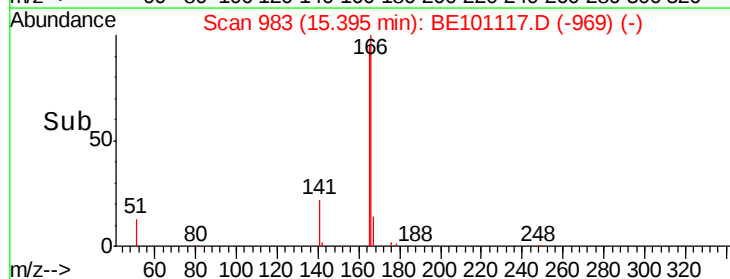
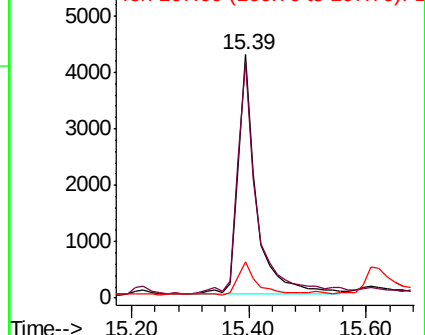
167 13.4 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

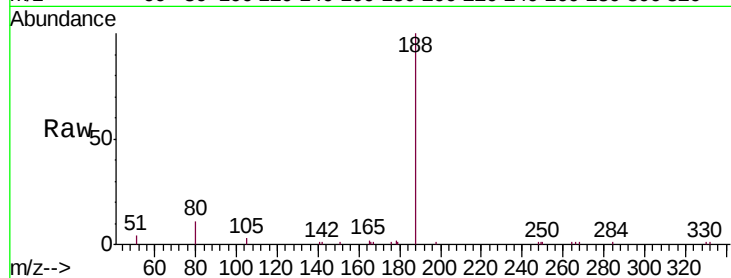
Tgt Ion:188 Resp: 15680

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

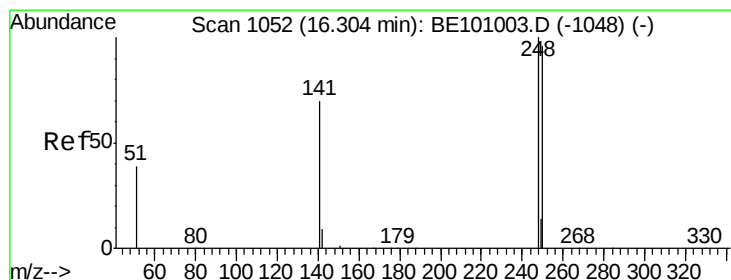
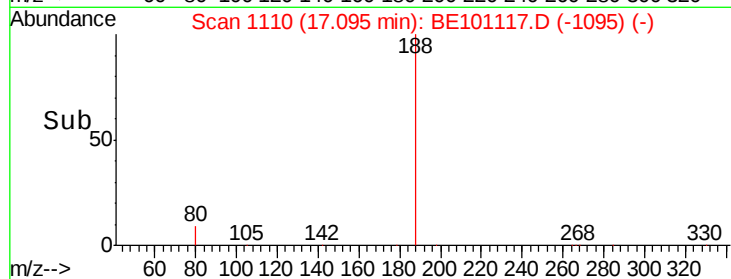
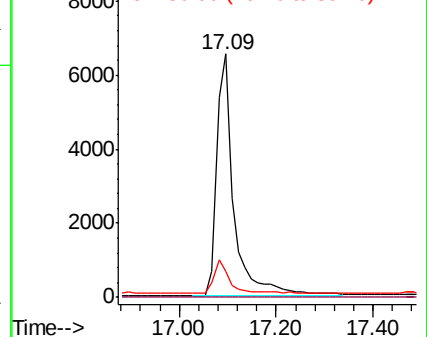
80 10.8 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.257 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

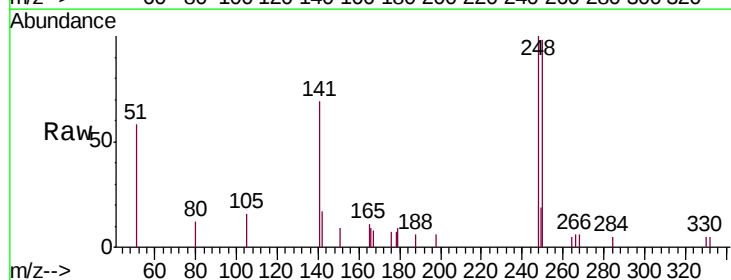
Tgt Ion:248 Resp: 1967

Ion Ratio Lower Upper

248 100

250 97.5 76.6 115.0

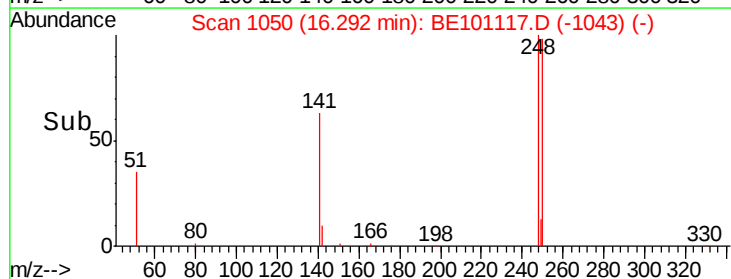
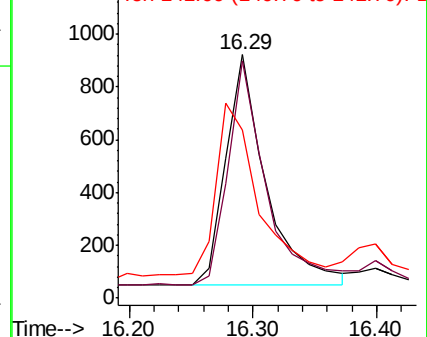
141 69.2 57.7 86.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.247 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

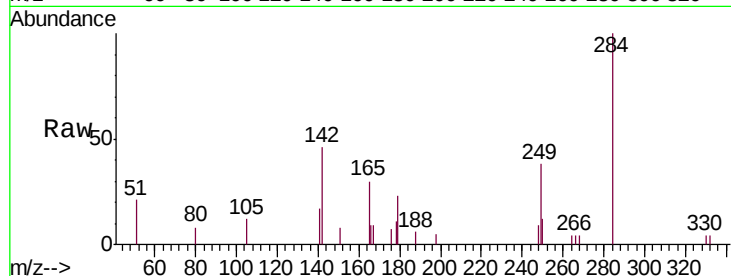
Tgt Ion:284 Resp: 2076

Ion Ratio Lower Upper

284 100

142 42.0 34.0 51.0

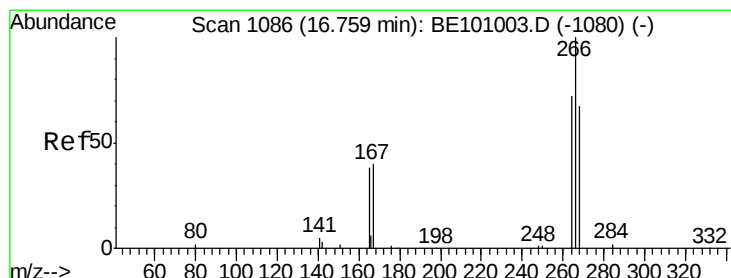
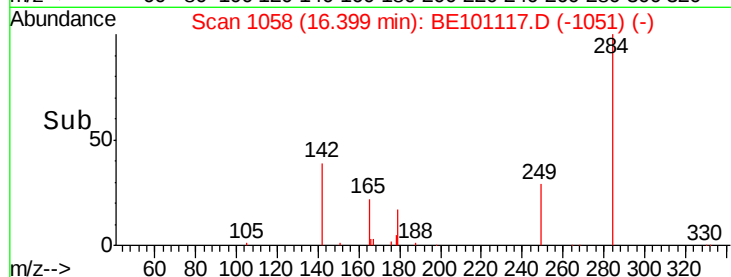
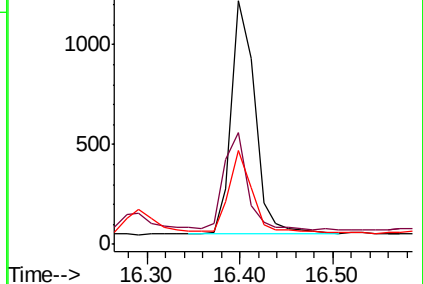
249 34.5 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.253 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

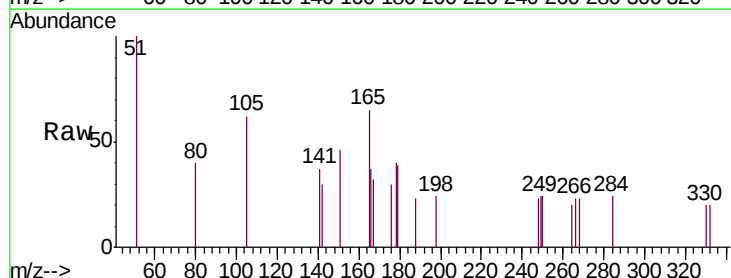
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 90.6 61.0 91.4

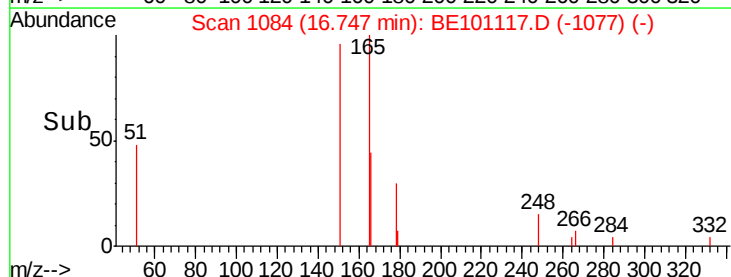
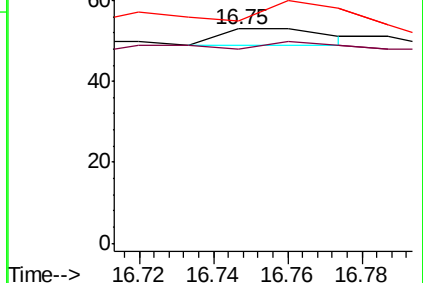
268 103.8 58.5 87.7#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.732 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

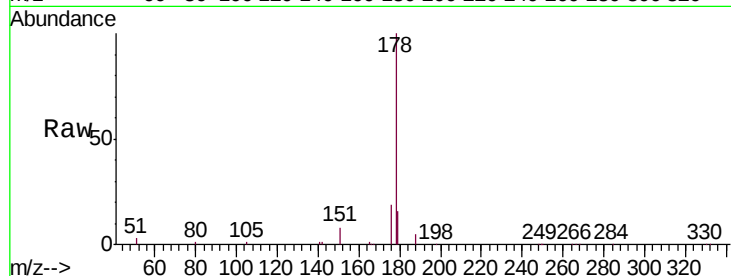
Tgt Ion:178 Resp: 31363

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

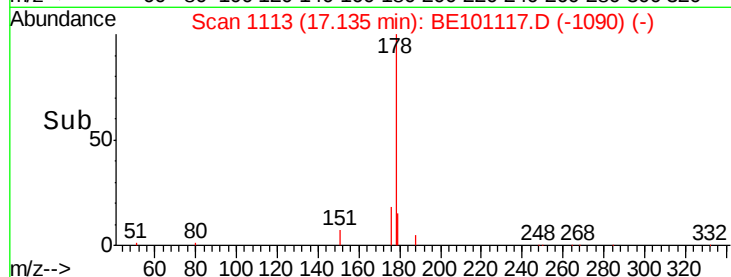
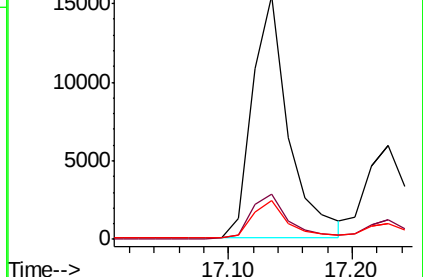
179 15.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.425 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

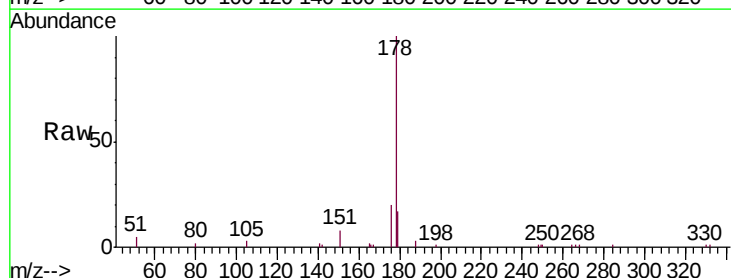
Tgt Ion:178 Resp: 17155

Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

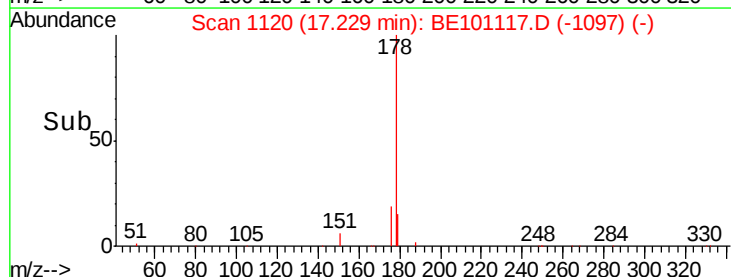
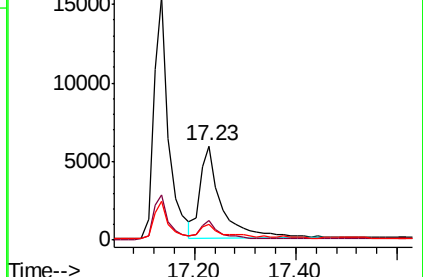
179 12.6 12.4 18.6

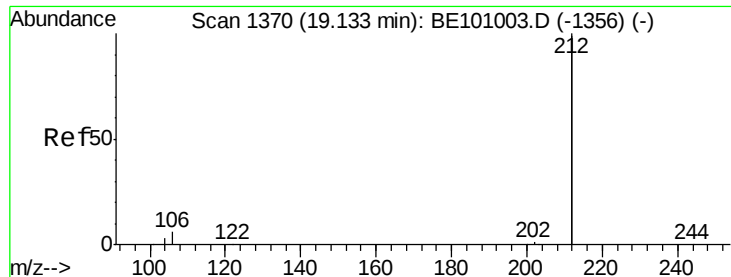


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

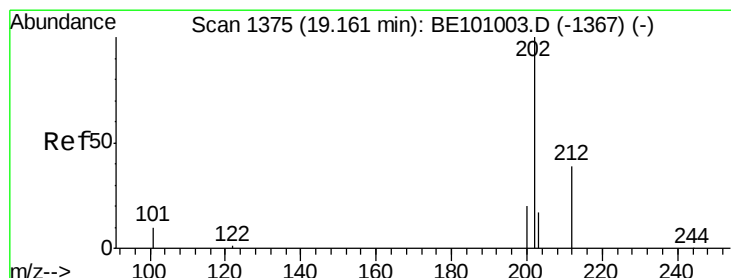
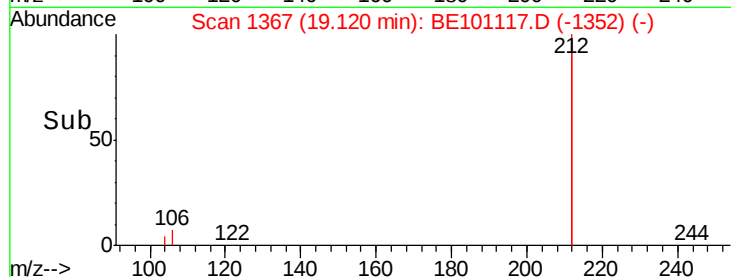
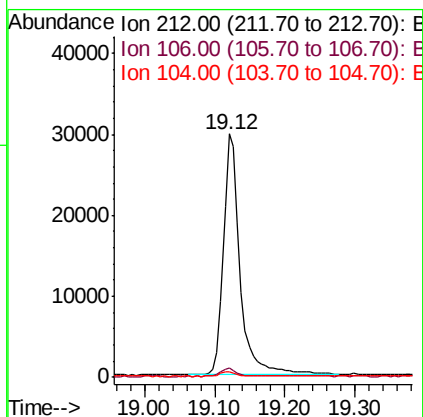
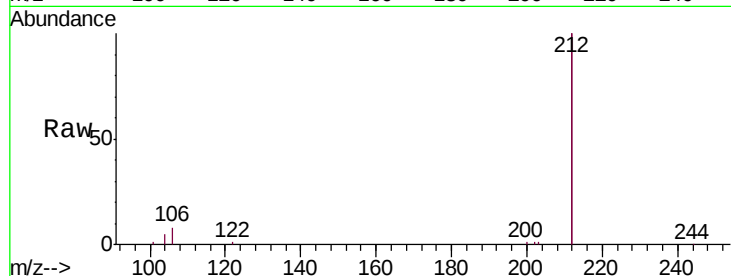




#25
 Fluoranthene-d10
 Concen: 0.225 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101117.D
 Acq: 22 Jan 2020 16:40

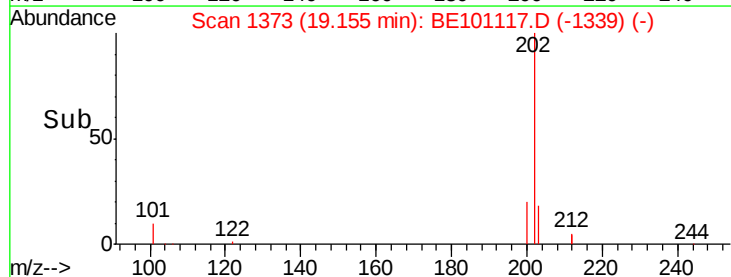
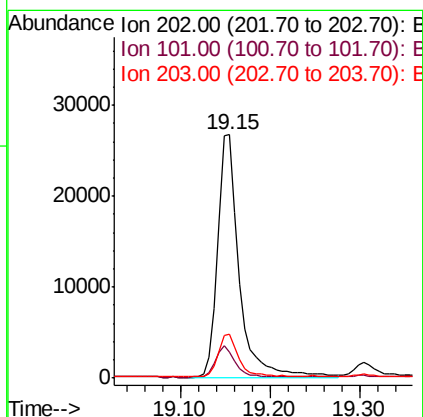
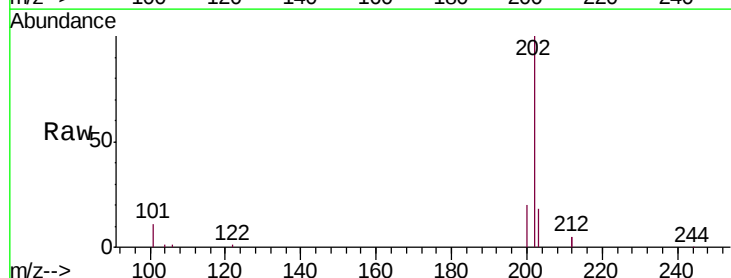
Instrument :
 BNA_E
 ClientSampleId :
 SB-29-(4-6)MS

Tgt Ion: 212 Resp: 49006
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 3.8
 104 2.2 1.4 2.0#



#26
 Fluoranthene
 Concen: 0.831 ng
 RT: 19.15 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BE101117.D
 Acq: 22 Jan 2020 16:40

Tgt Ion: 202 Resp: 44563
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.6 14.4
 203 17.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

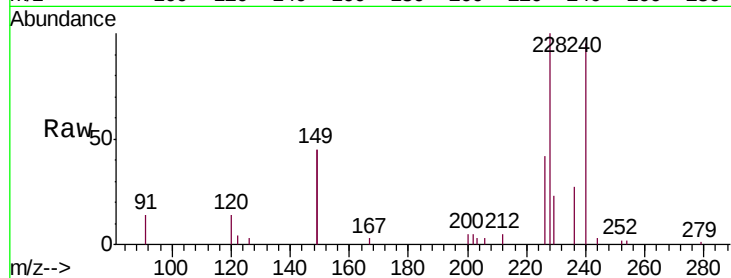
Tgt Ion:240 Resp: 16537

Ion Ratio Lower Upper

240 100

120 14.2 8.6 13.0#

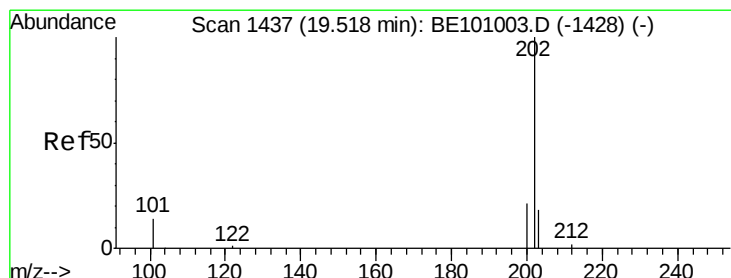
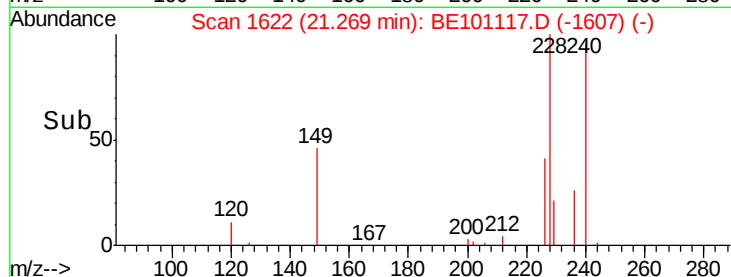
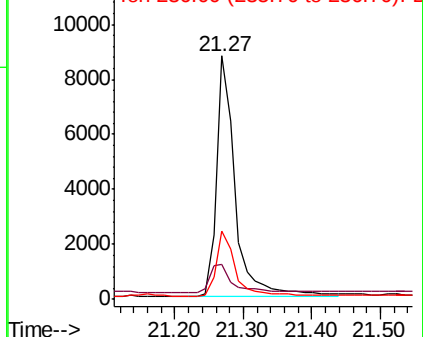
236 28.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.791 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

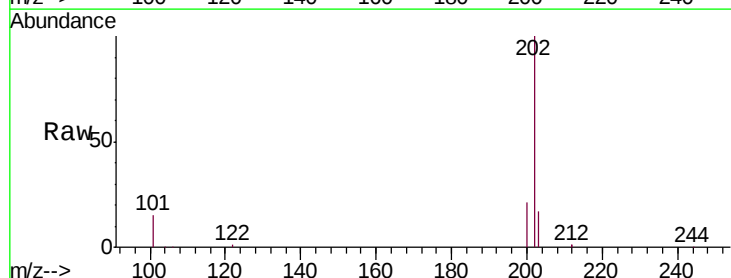
Tgt Ion:202 Resp: 48675

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

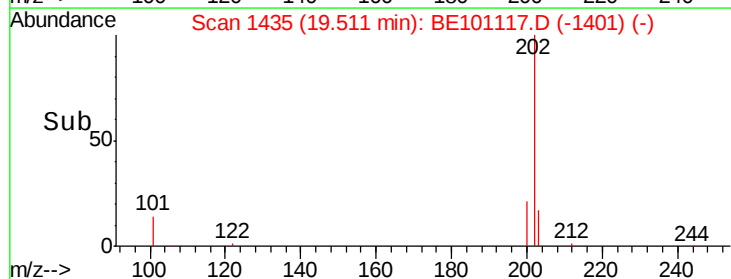
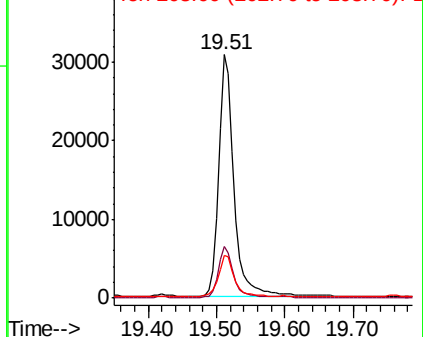
203 18.3 13.8 20.6

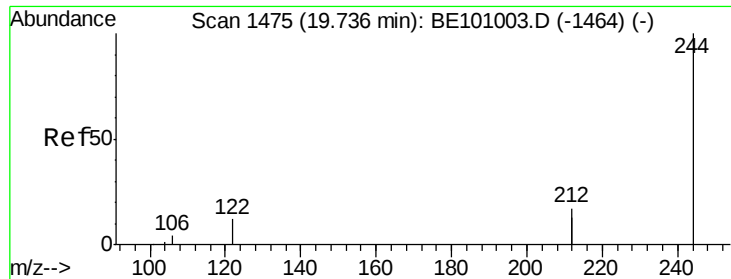


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.317 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

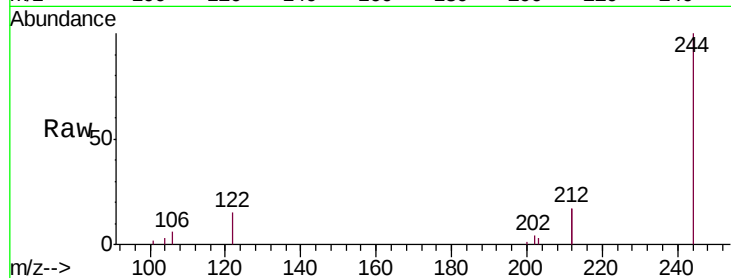
Tgt Ion:244 Resp: 12865

Ion Ratio Lower Upper

244 100

212 34.0 27.2 40.8

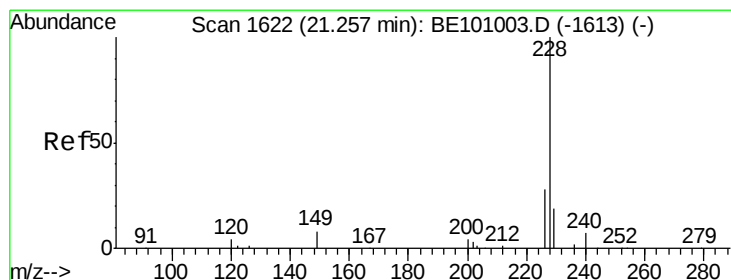
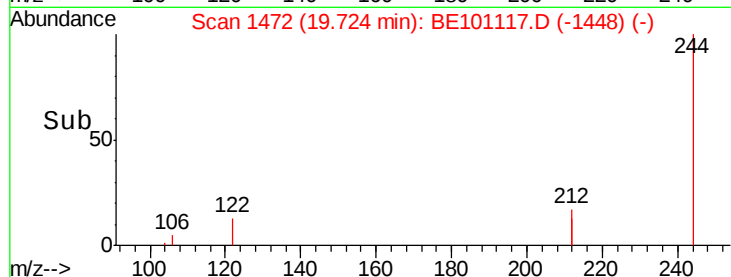
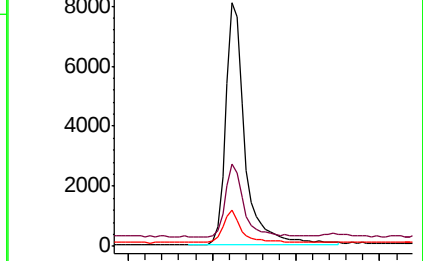
122 14.8 9.8 14.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.703 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

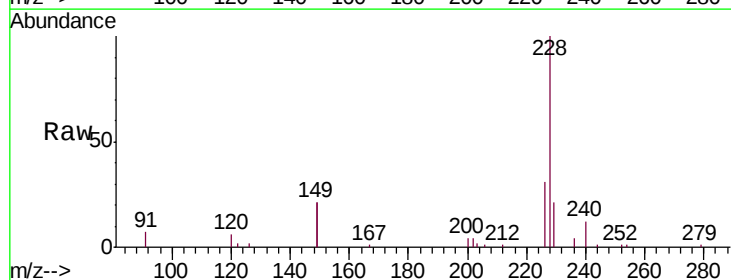
Tgt Ion:228 Resp: 33155

Ion Ratio Lower Upper

228 100

226 31.2 22.7 34.1

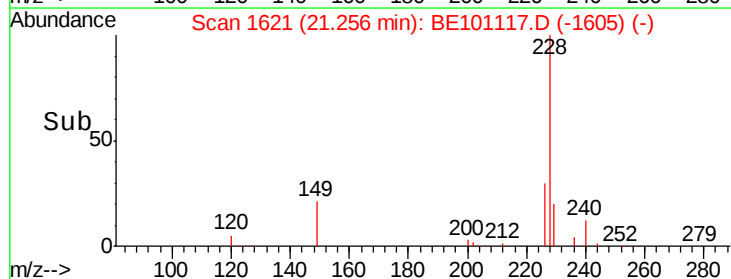
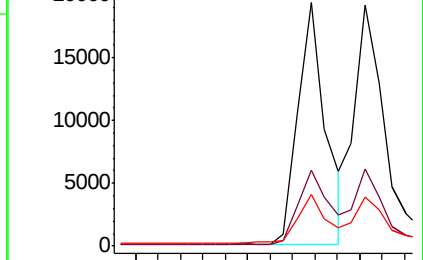
229 21.0 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.525 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

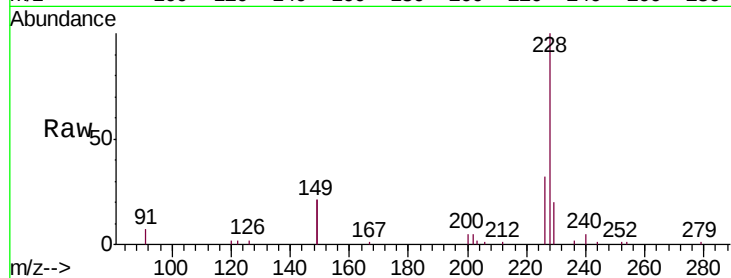
Tgt Ion:228 Resp: 36800

Ion Ratio Lower Upper

228 100

226 32.0 23.5 35.3

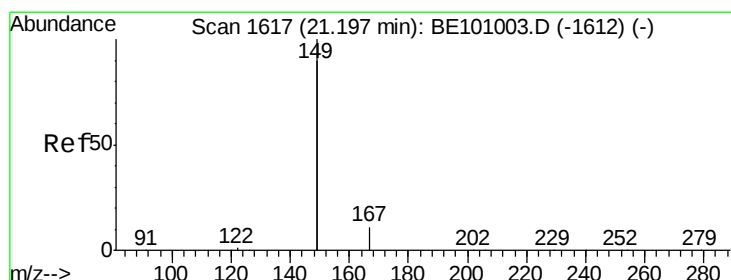
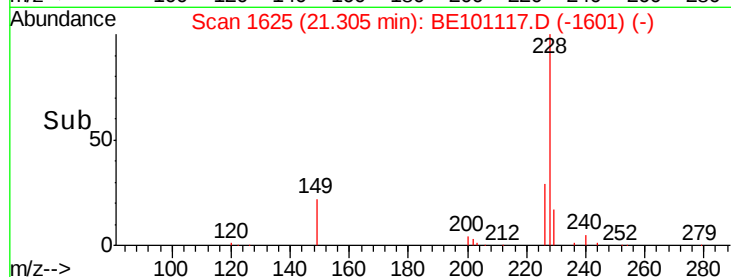
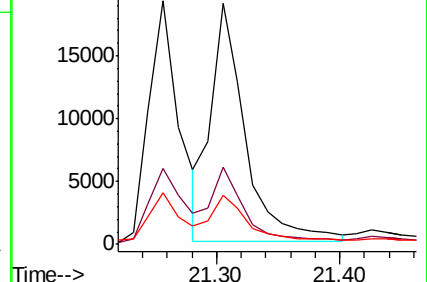
229 20.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.708 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

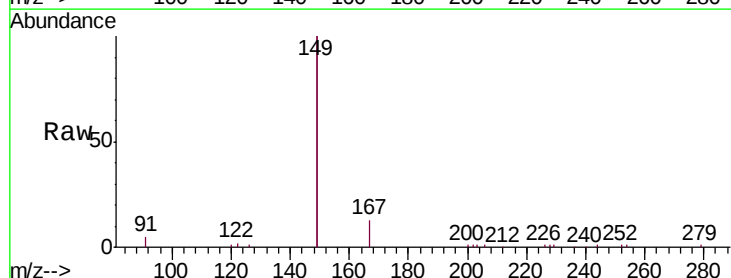
Tgt Ion:149 Resp: 55676

Ion Ratio Lower Upper

149 100

167 6.1 5.2 7.8

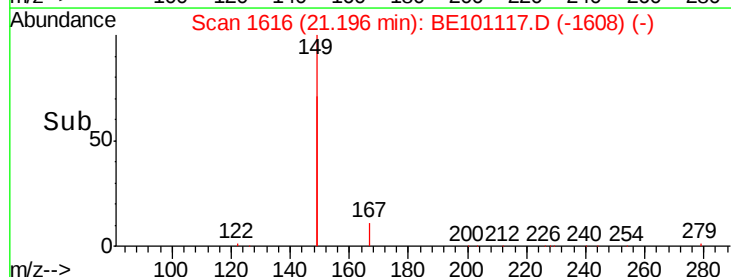
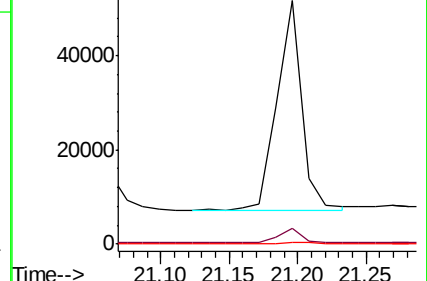
279 0.8 0.8 1.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.600 ng

RT: 26.24 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

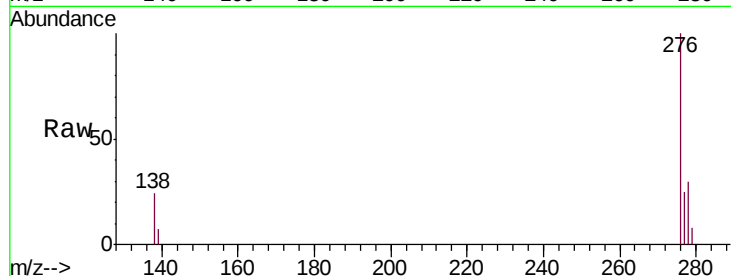
Tgt Ion:276 Resp: 33262

Ion Ratio Lower Upper

276 100

138 23.5 16.1 24.1

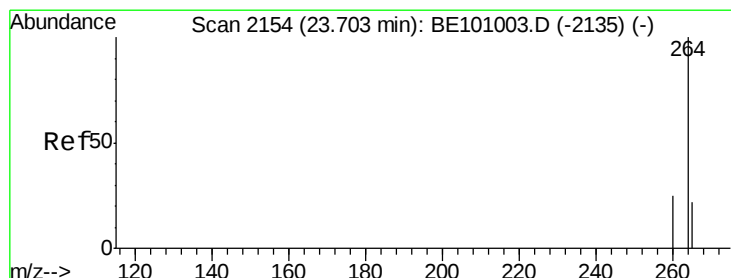
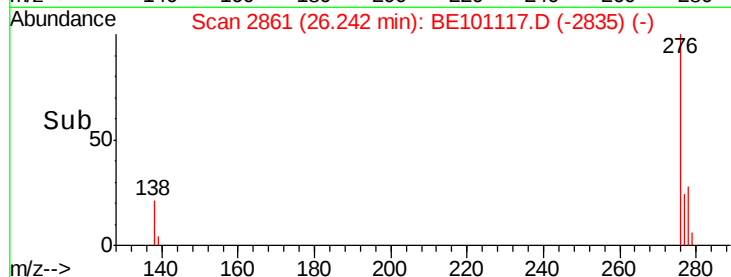
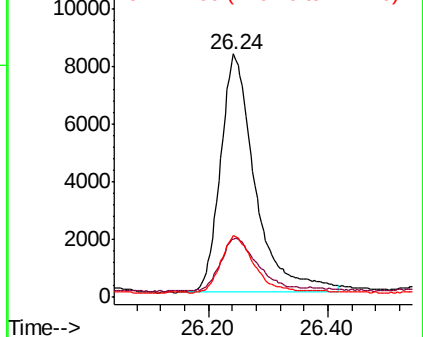
277 22.9 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

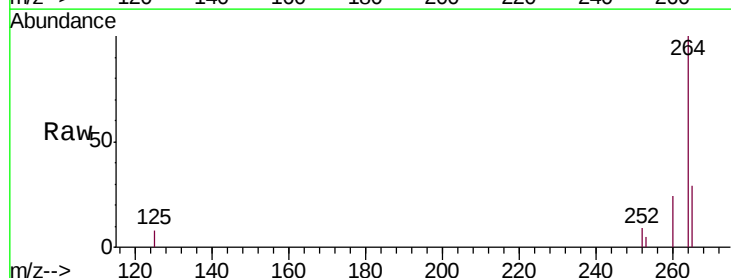
Tgt Ion:264 Resp: 20938

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

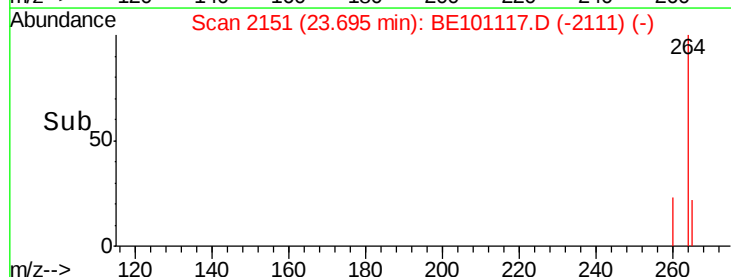
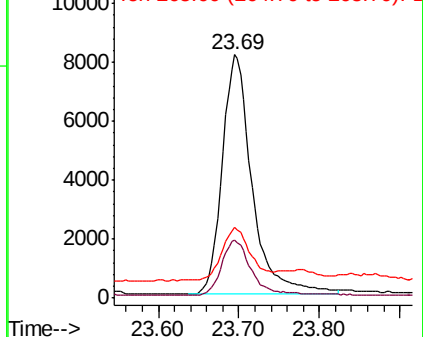
265 28.9 27.0 40.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

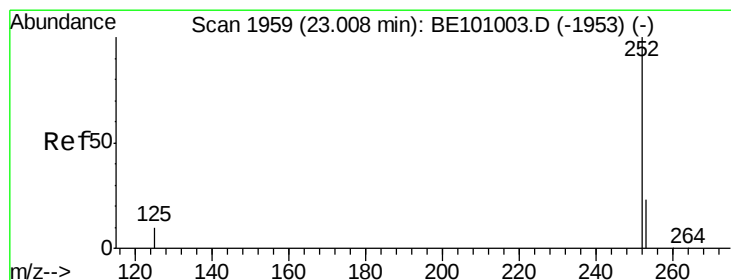
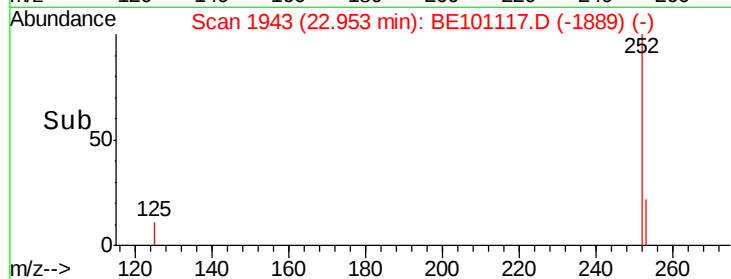
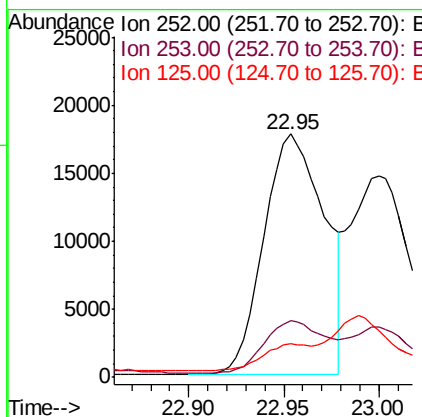
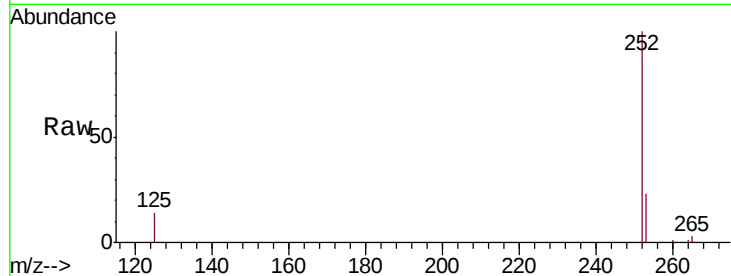




#35
Benzo(b)fluoranthene
Concen: 0.665 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

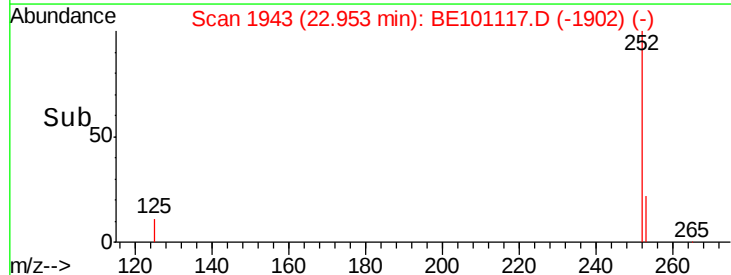
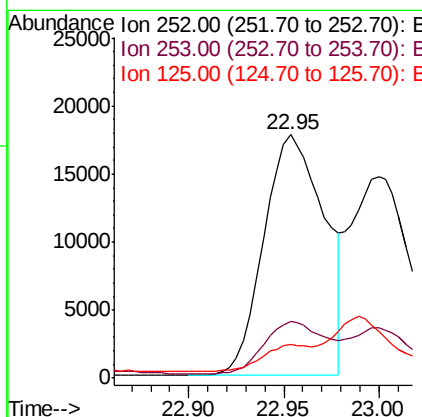
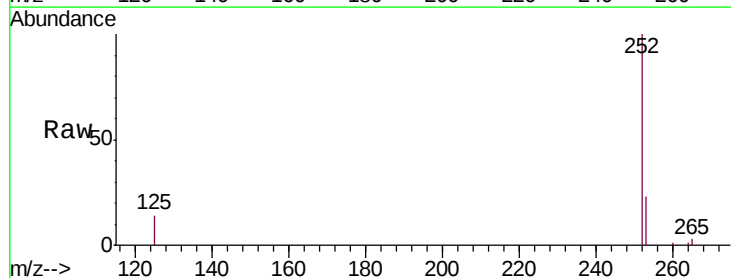
Instrument :
BNA_E
ClientSampleId :
SB-29-(4-6)MS

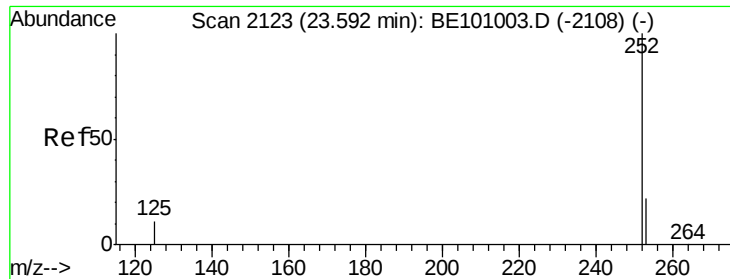
Tgt Ion:252 Resp: 39071
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 13.8 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.459 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BE101117.D
Acq: 22 Jan 2020 16:40

Tgt Ion:252 Resp: 39071
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 13.8 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.598 ng

RT: 23.58 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS

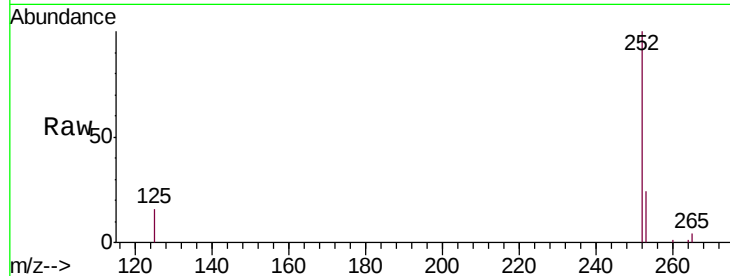
Tgt Ion:252 Resp: 33966

Ion Ratio Lower Upper

252 100

253 24.1 19.4 29.2

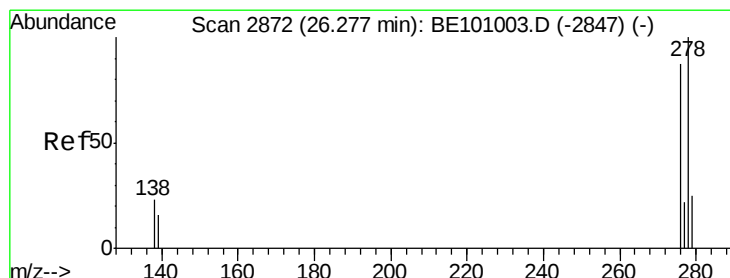
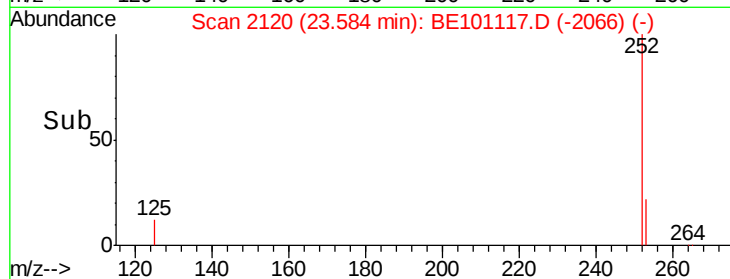
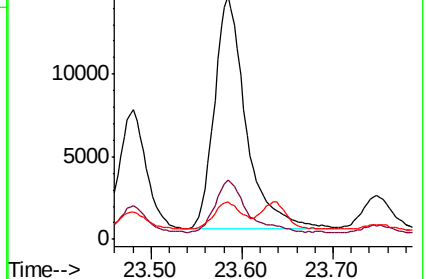
125 15.5 11.8 17.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.325 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101117.D

Acq: 22 Jan 2020 16:40

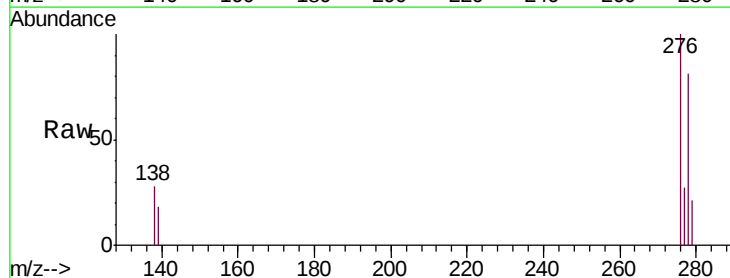
Tgt Ion:278 Resp: 16985

Ion Ratio Lower Upper

278 100

139 22.7 15.0 22.4#

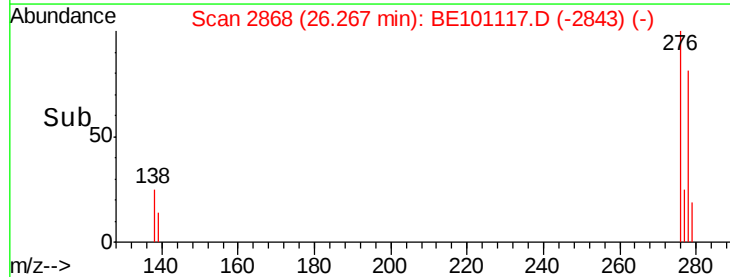
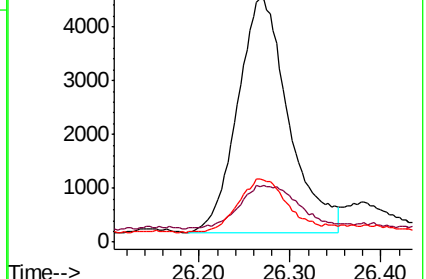
279 26.1 22.6 33.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.514 ng

RT: 27.02 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BE101117.D

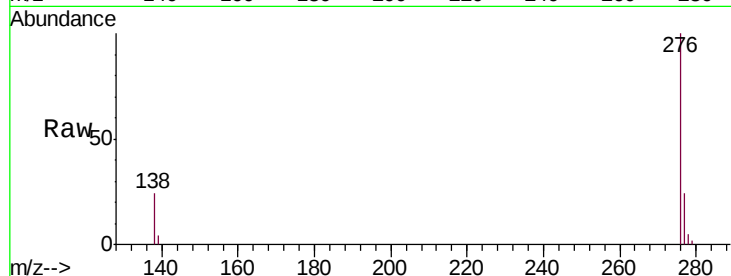
Acq: 22 Jan 2020 16:40

Instrument :

BNA_E

ClientSampleId :

SB-29-(4-6)MS



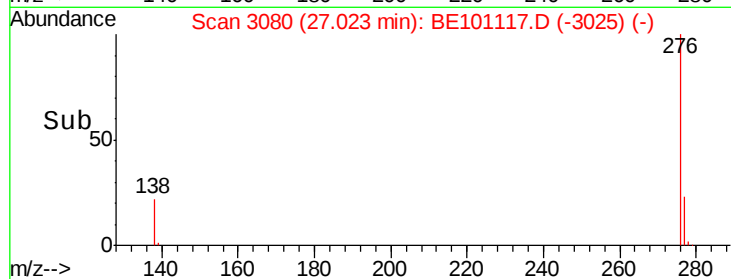
Tgt Ion: 276 Resp: 33033

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 23.6 17.9 26.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

